KERALA MEDICAL SERVICES CORPORATION LTD
(A Government of Kerala Undertaking)
Thycaud P.O, Thiruvananthapuram - 14, Kerala.
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CIN: U24233KL200TSGC021616, PAN : AADCK4029M, GSTIN : 32AADCK4029M1ZK

Running Contract Details	
Equipment Name	HPLC Analyser Type B
Running Contract Valid Till	06-01-2023
Tender Ref No	KMSCL/EP/T379(R)/219M/2020
Tendered Quantity	10
Supplier Name	M/s LabX
GST No	32BPSPS6759C1ZE
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	**Contact Details**	
Opp. SFS Tiara Apartments Near Burma Road Jn. Kumarapuram Medical College P.O Thiruvananthapuram	Contact Person	Mr. Arun
	Phone	471 2447639
	Mobile No	9446004066 ,9446002066
	Email	info@labx.in ,sales@labx.in

Item-wise Price Details

#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	**HPLC Analyser Type B** *Model & Make : D-10/Biorad*	1017750 Incl.GST :18%	71242.5	1088992.5
2	**Rate and pack size of HbA1C,pack size(400 tests),Rate Freezed for 3Years**	39928 Incl.GST :12%	2944.69	42872.69
3	**Rate and pack size of HbA1C and HbA2F combined,pack size(400 tests),Rate Freezed for 3Year**	42504 Incl.GST :12%	3134.67	45638.67
4	**Rate and pack size of HbA2F,pack size(200 tests),Rate Freezed for 3Year**	42504 Incl.GST :12%	3134.67	45638.67
		1142686	**80456.53**	**1223142.53**

Annual / Comprehensive Maintenance Charges (Exl.Tax)

Rate	4th Year	5th Year	6th Year	7th Year	8th Year	9th Year	10th Year

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
HPLC Analyser Type B							
Labour	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00
Comprehensive	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).

2. The supplier shall submit performance security amounting to 5% of the value of the supply order.

3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.

4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).

5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :HPLC Analyser Type B

1. Should be an automated, Integrated system, dedicated to HbA1c, Thalassaemia and hemoglobinopathy testing and screening based on HPLC technology.
2. The system should be able to screen and quantitate hemoglobins Hb A2, Hb A, Hb F and Hb A1c and detect the most commonly occurring abnormal hemoglobins like Hb S, Hb D, Hb E, Hb C, Hb Q-India and other rare abnormal hemoglobins.
3. Complete ready to use kit should be provided with Buffers in transparent plastic tanks to view the level of buffers; columns, primers, calibrators & sample vials.
4. Should have a faster throughput of <10 minutes per sample.
5. Should have an offline CD-ROM which should be a searchable database with approximately 800 chromatograms of fully classified abnormal hemoglobins and thalassemias.
6. The system should have in-kit external standards for instrument calibration ensuring accurate quantitation of results.
7. The system should contain Low pulsation dual piston pump with programmable solvent delivery system.
8. The system should have a bi-directional LIS.
9. The system should have a feature of rack & sample position identification to avoid error in case of bad/fault barcode reading.
10. The system should have a visible alarm system for low buffer in the mobile phase reservoirs, low level value for cartridge injections and overflow for the waste tank, as well as built in alarms for calibration failure.
11. The system should be capable of positive sample identification using a Barcode reader.
12. The system should have the facility of primary tube sampling and direct dilution of the samples without manual intervention.
13. It should have an inbuilt system check facility which checks that all the system parameters (eg, cartridge, buffer, reagent, waste etc) are ready before the sample analysis.
14. The system should have a dual program mode to perform either HbA1c or HbA2/Hb F/HbA1c without changing any reagents or columns.
15. The system should not require changing of reagents while switching from HbA1c to HbA2/Hb F/HbA1c testing mode.
16. The system should be able to detect correct A1c values in presence of abnormal hemoglobin variants like HbD, HbE, HbS & HbC
17. Assay time should not be more than 3 minutes for HbA1c testing and 6.5 minutes for A2/F/A1c testing.
18. The System should be NGSP (National Glycohemoglobin Standardisation Program) Certified and traceable to IFCC reference method.
19. The system should offer both NGSP & IFCC value reporting on the same patient report, control & calibrator report.

20. It should be able to print a hard copy report giving identification and information on the subtype and quantity of hemoglobins detected. It should have the facility to view current and stored chromatograms & should enable storage of chromatograms.
21. It should have an hard disk and a remote data access feature when connected to LAN or Intranet.
22. Should be able to provide normal and abnormal controls for Hb A2, Hb F and Hb S and provide quality control program to help compare results with similar users worldwide.
23. Should have external quality assurance service (EQAS) for hemoglobin variants
24. The system should have software for real time viewing of the analysis of the sample.
25. Should have offline library of chromatograms for result interpretation
26. Should have a competent authority certification: CE – IVD certificate issued by a notified body registered in European commission / FDA (US) certificate. Copy of the certificate shall be produced along with the technical bid.
27. Any reagent/ calibrator/ equipment specific consumable, not quoted in the BOQ, but required for performing any test shall be supplied at free of cost as required by the end user.
28. Replacement of such items like filters, lamps, tubing set or other spares whenever required shall be done free of cost during warranty & CAMC period
29. The rate for each parameter (Rate to perform 1 test) shall be quoted in the BOQ.

The rate will be fixed for 3 years from the date of price bid opening. The rate offered for each parameter shall include the no. of tests required for the calibrations. The pack size used for offering this rate shall also be mentioned in the BOQ.

Available pack sizes of each tests should be mention in the offer form. The rate offered in the BOQ shall be applicable to all pack sizes.

Calibration Stability for HbA1C & HbA2F has to be mentioned in offered form

The workload to be used is as follows **(only for calculation of L1)**; 500 reportable tests of HbA1C & 200 reportable tests of HbA2F)